

Memoranda

Holland J.S.
Jan 67

HOWLAND ISLAND

JANUARY 16, 1967

1500 Arr.	7 man	
1500 17 Jan.	6 man	Smith for
2000 18 Jan	7 man	Tux & Mike
		reverse

KENNETH BALCOMB

✓NDP
CDT
Done 3/8/69

turned
- 83400

Bands Issued -

17 JAN

777-51003 - 51100

923-82001 - 84000

returned
83501 - 83400

~~923~~

19 JAN

923-88501 - 89500

1942-1943

1942-1943

1942-1943

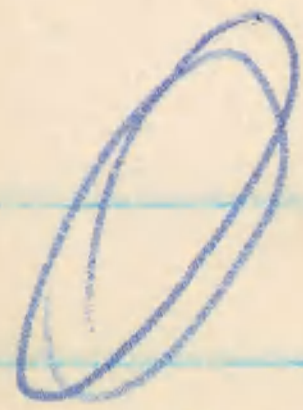
1942-1943

1942-1943

1942-1943

1942-1943

1942-1943



NEST COUNT

16 JAN, 1967

BFB

BB

RFB

w/ 1 EGG

~~||||~~ ||

(12)

1 (29)

w/ 2 EGG

~~||||~~ |

(6)

(26)

w/ SM CHICK

~~||||~~ ~~||||~~ ~~||||~~ ||

(23)

1 (58)

w/ SM CHICK + 1 EGG

1

(1)

(3)

w/ LG CHICK

~~||||~~ ~~||||~~ ~~||||~~ ||

(22)

(56)

~~||||~~ ||

||

(3)

w/ IMM.

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

~~||||~~ ~~||||~~ ~~||||~~ ||

(63)

1

(163)

|||

~~||||~~ |||

(9)

NEST CT. 16 JAN

GF

✓ 1 EGG ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ |

IMM

~~||||~~ ~~||||~~ ~~||||~~

Shorebird

16 JAN

~~RT - ~~||||~~~~

Recovery — 16 JAN

568-70633 BFB

70679 "

19 JAN, 1967

0		
I	3:60	100
II	8:60	100
III	5:60	100
IV	6:60	100
V	6:60	100
VI	8:60	100
VII	<u>36:60</u>	<u>70</u>
		$670 \times 3 = 2010$

home 300 x 3

0		
I	8:60	100
II	5:60	<u>100</u>
	49:480	$200 \times 3 = 600$

$$= 2,610 \times 150$$

$$\begin{array}{r} 261 \\ 15 \\ \hline 1305 \\ 261 \\ \hline 391500 \\ 24 \\ \hline 15660 \\ 7830 \\ \hline 93960 \end{array}$$

Sooty tern colony ~ 17 Jan, 1967

The colony is located on the runway area in the southeastern quarter of the island. It is an average of 250' wide in a belt that extends from the southern tip to the middle of the island i.e. $\frac{3}{4}$ mile (4,000 ft).

The nest densities for 3 sample 100 sq' plots were 12, 30, & 31, for an average of 24/100 sq'. For 1,000,000 sq'. nests \cong 240,000 nests or 480,000 birds.

heard 1 imm sooty on night 18 Jan

Banding 17 JAN, 1967

777-51003-51100 Ad on Lesser

Frigatebird Imm

923-82001-83500 ST Ad on egg

5/19/42 Fri. in field

Went to 2500 ft. 2500-2550

2500-2550

2500-2550 2500-2550

5/19/42 Fri. in field

Went to 2500 ft. 2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

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2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

2500-2550

✓ ADP
all

✓ 17

793-48339 ✓	43403 ✓	43858 ✓
46096 ✓	43781 ✓	44578 ✓
72921 ✓	45911 ✓	46357 ✓
72927 ✓	46869 ✓	36145 ?
45129 (BS) ✓	44987 ✓	29860
45319 ✓	43743 ✓	48592 ✓
46762 ✓	49487 ✓	31126 ✓
47453 ✓	49971 ✓	
44580 ✓	44362 ✓	
47333 ✓	47638 ✓	MAGNUM!
49321 ✓	72838 ✓	
72561 ✓	49080 ✓	
47465 ✓	46034 ✓	
43674 ?	48767 ✓	
44106 ✓	46372 ✓	
44210 ✓	47237 ✓	
48382 ✓	44845 ✓	
44014 ✓	30766 ✓	
43645 ✓	45859 ✓	
30469 ✓	46590 ✓	

*All birds on
this page have been
checked for ADP*

✓ ADP
Sooty TERN RETURNS 17 JAN

773-29861 ✓	22012 ✓	39506 ✓
20115 ✓	27207 ✓	29215 ✓
21280 ✓	28653 ✓	26635 ✓
20796 ✓	25367 ✓	23436 ✓
25812 ✓	21414 ✓	24539 ✓
24224 ✓	25137 ✓	20061 ✓
20217 ✓	26423 ✓	24253 ✓
26823 ✓	27635 ✓	26255 ✓
20777 ✓	29933 ✓	26374 ✓
23151 ✓	39994 ✓	27451 ✓
24127 ✓	26271 ✓	20153 ✓
27537 ✓	27624 ✓	27500 ✓
26911 ✓	20452 ✓	22205 ✓
24571 ✓	23439 ✓	25981 ✓
20305 ✓	20116 ✓	28606 ✓
25399 ✓	39939 ✓	21997 ✓
29038 ✓	29548 ✓	23480 ✓
21966 ✓	26120 ✓	27697 ✓
29338 ✓	27657 ✓	29087 ✓
21507 ✓	29109 ✓	

✓ADP

Y17

823 - 01921 ✓

01953 ✓

Y17

✓ADP

843 - 38472 ✓

36060 ✓

37876 ✓

55463 ✓

37873 ✓

55844 ✓

55247 ✓

39431 ✓

36338 ✓

36499 ✓

38450 ✓

55059 ✓

55734 ✓

37266 ✓

36399 ✓

38201 ✓

55380 ✓

55816 ✓

37541 ✓

36266 ✓

35152 ✓

38534 ✓

35931 ✓

36349 ✓

35394 ✓

38711 ✓

35718 ✓

36249 ✓

39114 ✓

35142 ✓

39038 ✓

55469 ✓

37430 ✓

35971 ✓

37370 ✓

35937 ✓

37234 ✓

38256 ✓

35358 ✓

36083 ✓

36084 ✓

55047 ✓

36050 ✓

36415 ✓

38016 ✓

36422 ✓

35825 ✓

55678 ✓

✓17 ✓ADP

863-80608 ✓

80200 (BS) ✓

80310 ✓

✓17

✓ADP

953-31811 ✓

10764 ✓

20531 (BS) ✓

22559 ✓

03815 ✓

07540 (BS) ✓

12859 ✓

11928 ✓

31961 ✓

06330 (BS) ✓

10912 ✓

23243 ✓

06983 ✓

13409 ✓

04838 ✓

06344 ✓

Aug 11 1911

1815 - 1816

1816 - 1817

1817 - 1818

1818 - 1819

1819 - 1820

1820 - 1821

1821 - 1822

1822 - 1823

1823 - 1824

1824 - 1825

1825 - 1826

1826 - 1827

1827 - 1828

1828 - 1829

1829 - 1830

1830 - 1831

1831 - 1832

1832 - 1833

1833 - 1834

1834 - 1835

1835 - 1836

1836 - 1837

1837 - 1838

1838 - 1839

1839 - 1840

1840 - 1841

1841 - 1842

1842 - 1843

1843 - 1844

1844 - 1845

1845 - 1846

1846 - 1847

1847 - 1848

1848 - 1849

1849 - 1850

1850 - 1851

1851 - 1852

BIRDS: AD:

~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~

IMM:

~~|||||~~ ~~|||||~~ ~~|||||~~ 1

18 JANUARY, 1967

205

✓ADP

BLUE-FACED BOOBY RETURNS

737-28504 ♂ lg chick ✓

23582 ♂ " ✓

20684 ♀ Roosting (or) ✓

53257 ♂ 1 egg ✓

757-63230 ♀ } Imm (568-70626) ✓

737-27513 ♂ } ✓

28645 ♂ Imm ✓

757-63004 ♀ R ✓

63306 ♂ sm chick ✓

587-84043 ♂ 2 eggs ✓

737-27797 ♀ } sm chick ✓

757-63864 ♂ } ✓

737-28971 ♀ } Imm ✓

27501 ♂ } ✓

20705 ♀ R ✓

53203 ♀ R ✓

27712 ♀ R ✓

49532 ♀ R ✓

28808 ♀ } R ✓

27711 ♂ } dead ✓

AD: ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~

~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~

INM: ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~

✓ 1/18 ✓ ATP

737-28923 ♂ 2 eggs ✓

757-63016 ♀ R ✓

737-27710 ♂ sm chick ✓

27540 ♀ R ✓

737-53382 ♀ sm chick ✓

737-82126 ♀ " ✓

82255 ♂ Imm downy ✓

27627 ♀ R ✓

26626 ♀ R ✓

49547 ♂ R ✓

28540 ♀ } R ✓

27564 ♂ } ✓

49534 ♀ } R ✓

22805 ♂ } ✓

28957 ♀ } empty nest ✓

53236 ♂ } ✓

39660 ♂ R ✓

27653 ♂ legg ✓

27652 ♂ ✓

26659 ♀ } R ✓

39661 ♂ } ✓

AD: 34, 100 (club)

IMM: 1

✓ 18

✓ ADP

737-39645 ♀ R ✓

39662 ♀ } lg chick ✓

49584 ♂ } ✓

23552 ♀ R ✓

27672 ♂ } R ✓

37583 ♀ } ✓

26653 ♀ R ✓

49552 ♂ sm chick ✓

49866 ♀ sm chick ✓

27671 ♀ } Imm (clowny) ✓

39647 ♂ } ✓

25885 ♀ R ✓

23550 ♂ } R ✓

49524 ♀ } ✓

27681 ♂ 2 eggs ✓

27696 ♀ R ✓

39857 ♀ sm chick ✓

27685 ♂ R ✓

39668 ♀ R ✓

37588 ♀ R ✓

unbanded: IIII

AD: ~~III~~ ~~III~~ ~~III~~ I, 87

IMM: ~~III~~ III

1/18

✓ ADP

737-39674 ♀ } on egg ✓

39856 ♂ }

27697 ♂ R ✓

37585 ♀ R ✓

757-65009 ♂ R ✓

737-27885 ♂ } sm chick ✓

82 noband ♀ ✓

737-82265 ♂ } lg chick ✓

27600 ♀ ✓

81502 ? club ✓

757-60977 ♀ R ✓

737-28552 ♂ R ✓

49664 ♀ } R ✓

39688 ♂ }

39890 ♀ } lg chick ✓

49576 ♂ }

49574 ♀' lg chick ✓

39886 ♂ ✓

27952 ♂ lg chick ✓

39559 ♀ ✓

AD:

Imm: 1

Y/18

✓ ADP

737-20712 ♀ }
26685 ♂ }

R ✓

20564 ♀ } lg chick ✓
49824 ♂ }

28643 ♀ lg chick ✓

25878 ♀ Imm ✓

39687 ♂ sm chick ✓

39738 ♀ lg chick ✓

28921 ♂ lg chick ✓

39734 ♀ sm chick ✓

53126 ♀ lg chick ✓

39719 ♀ leggy ✓

39710 ♂ legs ✓

27523 ♂ sm chick ✓

53254 ♀ }

49593 ♀ R ✓

49670 ♂ R ✓

49586 ♂? leggy ✓

39729 ♂ R ✓

25899 ♀ }

AD ~~II~~ ~~II~~ ~~II~~ II

Imm : ~~II~~ II

1/18

✓ ADP

737- 49601 ♀ 2eggs ✓

39694 ♂ 1egg ✓

558- 85053 ♀ } lg chick ✓

737- 27784 ♂ } ✓

27587 ♀ } R ✓

27586 ♂ } ✓

28598 ♂ lg chick ✓

53415 ♂ sm chick ✓

39926 ♂ R ✓

587- 83432 ♂ } sm ✓

737- 39753 ♀ } ✓

39780 ♂ 2eggs ✓

39777 ♂ 1egg ✓

20941 ♂ 2eggs ✓

49746 ♂ R ✓

27826 ♂ R ✓

28618 ♀ sm ✓

49606 ♂ 2eggs ✓

49597 ♂ } sm ✓

21265 ♀ } ✓

AD: ~~|||||~~

~~||||~~

imm: ~~||||~~

1/18

✓ADP

737-39714 ♂

R

✓

39751 ♂

2 eggs

✓

25875 ♂

Imm

✓

39764 ♀

lg chick

✓

39762 ♀

Imm

✓

39715 ♂

✓

39795 ♀

R

✓

39904 ♂

lg chick

✓

20939 ♀

✓

20934 ♀

R

✓

82435 ♂

R

✓

757-62927 ♂

✓

737-28867 ♀

2 eggs

✓

39954 ♂

R

✓

27984 ♂

lg chick

✓

587-83341 ♀

✓

737-27744 ♂

R

✓

53219 ♀

✓

757-62971 ♀

R

✓

737-53425 ♂

Imm

✓

AD: ~~III~~ ~~III~~ ~~III~~ ~~III~~ II

Imm: ~~III~~ III

✓ 18

✓ ADP

757-65081 ♀ } ✓ R

737-49836 ♂ } ✓

757-62877 ♀ } ✓ R

737-53213 ♂ } ✓

20949 ♀ ✓ lg chick

757-65183 ♀ } ✓ sm chick

737-22845 ♂ } ✓

39789 ♂ } ✓ R

587-83354 ♀ ✓ R

737-28856 ♂ } ✓ R

737-27936 ♀ } ✓

39800 ♀ ✓

568-71444 ♀ R ✓

737-20715 ♂ } ✓ lg chick

28781 ♀ ✓

28576 ♂ ✓ sm

39976 ♀ R ✓

28637 ♀ } P ✓

49632 ♂ } ✓

49592 ♂ R ✓

AD: ~~TH~~ ~~TH~~ ~~TH~~ ~~TH~~ ~~TH~~ ~~TH~~ ~~TH~~ ~~TH~~
~~TH~~ 35

Imm: ~~TH~~ ~~TH~~

✓ 18

✓ ADP

737-39950 ♀ R ✓

587-83433 ♀ R ✓

737-53407 ♂ R ✓

737-39943 ♂ R ✓

27818 ♀ R ✓

39993 ♂ lg chick ✓

20724 ♂ 2 eggs ✓

39992 ♂ lg chick ✓

82153 ♀ sm chick

39903 ♂ } ✓

39906 ♀ sm ✓

28917 ♂ R ✓

39793 ♀ sm chick ✓

20966 ♂ R ✓

53344 ♀ 3 R ✓

757-63718 ♂ } ✓

737-20736 ♂ R ✓

53216 ♂ R ✓

53438 ♀ R ✓

53259 ♂ R ✓

Ad: ~~III~~ ~~III~~ ~~III~~ ~~III~~ ~~III~~

35

Imm: ~~III~~ ~~III~~ ~~III~~

at NE side near block structure

1/18

✓ ADP

737- 53272 ♀ R club ✓

587- 83523 SAU R club ✓

737- 20742 ♀ R ✓

82443 ♀ R ✓

49839 ♂ } R ✓

587- 83492 ♀ } ✓

737- 20558 ♀ R ✓

53351 ♀ } R ✓

28560 ♂ } ✓

27746 ♀ } R ✓

53421 ♂ } ✓

20923 ♀ R ✓

27820 ♀ 1 egg ✓

82282 SA/imm ✓

20854 ♂ R ✓

53274 ♂ 1 egg ✓

27435 ♀ R ✓

558- 85098 ♀ R ✓

737- 20985 ♀ R ✓

27753 ♂ lg chick ✓

Ad: ~~III~~, 30³, 100^{club}, 150^{club}

~~III~~ II

44 50 ~~encl~~ (not a club)

115 SW corner (")

18 "

Imm: ~~III~~ | ~~III~~ ~~III~~ ~~III~~ II

1/19

~~ADP~~

737-20633 ♂

R club ✓

27754 ♂

R club ✓

20752 ♀

R club ✓

53258 ♀

on chick ✓

23502 ♂

19 JAN, 1967

Banding

923-88501-89500 ALL ON
SOOTY TERN ADULTS
ON EGGS

SOOTY TERN RETURNS

VADP

19 JANUARY, 1967

773-24734 ✓	23285 ✓
25258 ✓	28663 ✓
20355 ✓	24724 ✓
21592 ✓	26458 ✓
39953 ✓	21473 ✓
24369 ✓	29547 ✓
29035 ✓	23177 ✓
29106 ✓	25496 ✓
29676 ✓	28861 ✓
39648 ✓	
39514 ✓	
24099 ✓	
25901 ✓	
20164 ✓	
29730 ✓	
20073 ✓	
26933 ✓	
24726 ✓	
24223 ✓	

19 JAN

✓ 1A510

793- 31150 ✓ 46193

47835 ✓

46741 ✓

45398 ✓

46454 ✓

45587 ✓

48911 ✓

46801 ✓

45847 ✓

30442 ✓

47854 ✓

47470 ✓

30150 ✓

30683 ✓

48400 ✓

49179 ✓

30798 ✓

49669 ✓

46223 ✓

44984 ✓

19 JAN

✓ADP

843-37042 ✓

38803 ✓

35263 ✓

38751 ✓

36698 ✓

35969 ✓

36934 ✓

37954 ✓

36991 ✓

35543 ✓

55669 ✓

37664 ✓

38663 ✓

36642 ✓

37087 ✓

38636 ✓

35219 ✓

36359 ✓

37764 ✓

36630 ✓

37020 ✓

9071

19 JAN

✓ 8082 ✓ 8083 - 8084

✓ 8085

✓ 8086

✓ 8087

✓ 8088

✓ 8089

✓ 8090

✓ 8091

✓ 8092

✓ 8093

✓ 8094

✓ 8095

✓ 8096

✓ 8097

✓ 8098

✓ 8099

✓ 8100

✓ 8101

✓ 8102

✓ 8103

19 JAN ✓

✓ ADP

863- 81480 B.S. ✓

50810 ✓

19 JAN

953-11905

B.S.

✓

✓ADP

10627

✓

00234

✓

07540

B.S.

✓

16375

✓

INITIAL

7/5/92

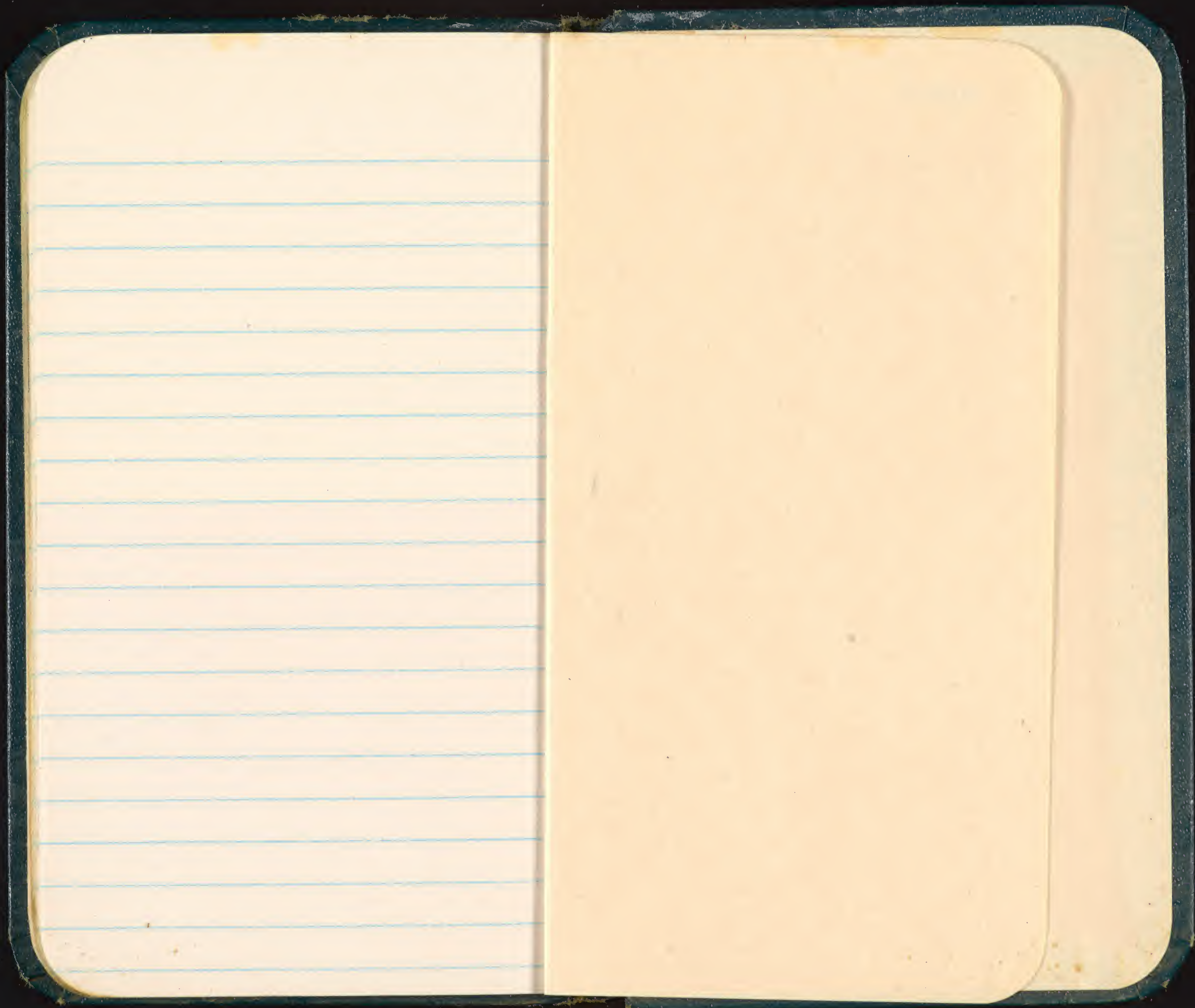
2021-22

10/10

11/11

12/12

13/13



WRITE

7530-222-0078
FEDERAL SUPPLY SERVICE

859 643-16-73126-2